



PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

**D'AMATO ET AL.**

Serial No. **10/617,150**

Filed: **JULY 10, 2003**

For: **ESTROGENIC COMPOUNDS AS ANTI-MITOTIC**  
**AGENTS**

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) **Art Unit: 1616**  
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**INFORMATION DISCLOSURE STATEMENT**

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450


Sir:

The citation of information on the attached Form PTO/SB/08 is made pursuant to 37 C.F.R. §§ 1.56, 1.97, and 1.98. A copy of each cited item is enclosed with the exception that copies of U.S. patents are not being provided pursuant to the waiver of 37 C.F.R. for patent applications filed after June 30, 2003.

Related applications are listed on the attached Supplemental Appendix A for your reference. Applicants respectfully request that the Examiner review the applications listed in Appendix A, initial Appendix A in the appropriate spaces, and return a copy of the initialized Appendix to Applicants.

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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 5th day of May, 2004.

  
Sima Singadia Kulkarni - Reg. No. 43,732

U.S. Application No: 10/617,150  
Filed: July 10, 2003  
Information Disclosure Statement pg. 2

The citation of this information does not constitute an admission of priority or that any cited item is available as a reference, or a waiver of any right the applicant may have under applicable statutes, Rules of Practice in patent cases, or otherwise.

Respectfully submitted,

  
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(404) 815-6500  
Our Docket: 05213-0924 (43170-287649)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
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**D'AMATO ET AL.** ) **Art Unit: 1616**  
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For: **ESTROGENIC COMPOUNDS AS ANTI-MITOTIC** )  
**AGENTS** )

**APPENDIX A**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:


Applicants respectfully request that the Examiner review the below-listed patent applications. Please review and initial each listed application and return a copy of the initialed Supplemental Appendix A to the Applicants. For convenience, copies of non-published applications are included.

The serial numbers and/or publication numbers of the below-listed U.S. patent applications are listed on this form as provided in MPEP §609(D), rather than a PTO-1449 form, to avoid the serial numbers of the pending U.S. patent applications being published on any patent that may issue from this application. **Applicants do not waive the confidential nature of any of the below-listed patent applications.**

- \_\_\_\_\_ 1. U.S. Application Serial No. 09/641,327 filed August 18, 2000
- \_\_\_\_\_ 2. U.S. Application Serial No. 09/644,387 filed August 23, 2000
- \_\_\_\_\_ 3. U.S. Application Serial No. 09/780,650 filed February 12, 2001
- \_\_\_\_\_ 4. U.S. Application Serial No. 10/354,921 filed January 30, 2003
- \_\_\_\_\_ 5. U.S. Application Serial No. 10/610,748 filed July 1, 2003

- \_\_\_\_\_ 6. U.S. Application Serial No. 10/635,846 filed August 5, 2003
- \_\_\_\_\_ 7. U.S. Application Serial No. 10/789,471 filed February 27, 2004
- \_\_\_\_\_ 8. U.S. Published Application No. US 2002/0002294 A1 published 1/3/2002
- \_\_\_\_\_ 9. U.S. Published Application No. US 2002/0082433 A1 published 06/27/2002
- \_\_\_\_\_ 10. U.S. Published Application No. US 2002/0119959 A1 published 08/29/2002
- \_\_\_\_\_ 11. U.S. Published Application No. US 2002/0147183 A1 published 10/10/2002
- \_\_\_\_\_ 12. U.S. Published Application No. US 2002/0165212 A1 published 11/07/2002
- \_\_\_\_\_ 13. U.S. Published Application No. US 2003/0096800 A1 published 05/22/2003
- \_\_\_\_\_ 14. U.S. Published Application No. US 2003/0236439 A1 published 12/25/2003
- \_\_\_\_\_ 15. U.S. Published Application No. US 2004/0072813 A1 published 4/15/2004

Respectfully Submitted,

By:   
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Reg. No. 43,732

KILPATRICK STOCKTON LLP  
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Our Docket: 052130-0924 (43170-287649)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for Form 1449/A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Application No.	10/617,150
Filing Date	07/10/2003
First Named Inventor	D'Amato
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	05213-0924 (43170-287649)

Sheet 1 of 27

**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number <sup>2</sup>	Kind Code <sup>3</sup> (if known)			
	1	2,584,271		Huffman	02/05/1952	
	2	2,846,453		Hoehn	08/05/1958	
	3	3,166,577		Ringold et al.	01/19/1965	
	4	3,410,879		Smith et al.	11/12/1968	
	5	3,470,218		Farah	09/30/1969	
	6	3,492,321		Crabbe	01/27/1970	
	7	3,496,272		Kruger (Identifier only)	02/17/1970	
	8	3,562,260		De Ruggieri et al.	02/09/1971	
	9	3,956,348		Hilscher	05/11/1976	
	10	4,172,132		Draper et al.	10/23/1979	
	11	4,212,864		Tax	07/15/1980	
	12	4,307,086		Tax	12/22/1981	
	13	4,522,758		Ward et al.	06/11/1985	
	14	4,552,758		Murphy et al.	11/12/1985	
	15	4,634,705		DeBernardis et al.	01/06/1987	
	16	4,743,597		Javitt et al.	05/10/1988	
	17	4,808,402		Leibovich et al.	02/28/1989	
	18	4,994,443		Folkman et al.	02/19/1991	
	19	5,001,116		Folkman et al.	03/19/1991	
	20	5,135,919		Folkman et al.	08/04/1992	
	21	5,504,074		D'Amato et al.	04/02/1996	
	22	5,892,069		D'Amato et al.	04/06/1999	
	23	6,528,676	B1	D'Amato et al.	03/04/2003	

Examiner Signature		Date Considered	
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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

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				First Named Inventor	D'Amato
				Group Art Unit	Unassigned
				Examiner Name	Unassigned
Sheet	2	of	27	Attorney Docket Number	05213-0924 (43170-287649)

**FOREIGN PATENT DOCUMENTS**

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		Office <sup>4</sup>	Number <sup>4</sup>					
	24	DE	1907330		Sandoz Ltd. (Identifier only)	10/23/1969		
	25	DE	2 004 516		VEB Jenapharm	09/10/1970		No
	26	DE	27 57 157		Schering AG	12/19/1977		
	27	DE	3625315		Schering A.-G (Identifier only)	01/28/1988		
	28	EPO	0166937	A2	Abbott Laboratories	08/01/1986		
	29	GB	857,080		Syntex S.A.	12/29/1960		
	30	GB	857,081		Syntex S.A.	12/29/1960		
	31	GB	1,570,597		Takeda et al.	07/02/1980		
	32	JP	42-928	B	DAINIPPON PHARM CO LTD (abstract only)	01/18/1967		
	33	JP	39-5480	B	Teikoku Hormone Mfg. Co.			No
	34	JP	58-131978		Lilly & Co Eli (Eli)	08/06/1983		No
	35	JP	63090763	A	Research Development Corp. of Japan (Abstract only)	04/21/1988		
	36	JP	63-119500		Dai Ichi Seiyaku Co Ltd.	05/24/1988		No

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		Office <sup>4</sup>	Number <sup>4</sup>					
	37	JP	41 000100	A	Dainippon Pharmaceutical Co., Ltd. (abstract only)	01/07/1966		
	38	SU	1240038	A1	A MED ONCOLOGY CENTRE (abstract only)	10/27/1996		
	39	WO	87/02367	A3	The Upjohn Company	04/23/1987		
	40	WO	88/08002	A1	The Upjohn Company	10/20/1988		
	41	WO	90/15816	A1	The UpJohn Company	12/27/1990		
	42	WO	93/03729	A1	Research Corporation Technologies, Inc.	03/04/1993		
	43	WO	93/19746	A1	ORION-YH-TYMA OY	10/14/1993		
	44	WO	95/04535	A1	The Children's Medical Center Corporation	02/16/1995		

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**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

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	45	<b>Author:</b> Title: Liloipristone/(1-[4-(Dimethylamino)phenyl]-17-hydroxy-17-(3-hydroxy-1-propenyl)estra-4,9-diene-3-one; AK 98734 <b>Publ:</b> Dictionary of Drugs (1990), Dict. of Steroids (1991), Dict. of Org. Compds (6th Ed) (1996), Dict. of Pharm. Agents (1997) <b>Vol/Iss:</b> <b>Pages:</b> <b>Date:</b> 1990	
	46	<b>Author:</b> Title: (paragraphs 583-584) <b>Publ:</b> The Merck Index 11th Edition <b>Vol/Iss:</b> <b>Pages:</b> 88 <b>Date:</b> 1989	
	47	<b>Author:</b> Title: <b>Publ:</b> Research Plus Catalog <b>Vol/Iss:</b> <b>Pages:</b> 50-58 <b>Date:</b> 1993	
	48	<b>Author:</b> Title: Registry Number: 56933-77-8 <b>Publ:</b> Chemical Abstracts <b>Vol/Iss:</b> <b>Pages:</b> <b>Date:</b>	
	49	<b>Author:</b> Title: Registry Number: 56933-78-9 <b>Publ:</b> Chemical Abstracts <b>Vol/Iss:</b> <b>Pages:</b> <b>Date:</b>	
	50	<b>Author:</b> Title: Registry Number: 57380-15-1 <b>Publ:</b> Chemical Abstracts <b>Vol/Iss:</b> <b>Pages:</b> <b>Date:</b>	
	51	<b>Author:</b> Title: Registry Number: 71782-94-0 <b>Publ:</b> Chemical Abstracts <b>Vol/Iss:</b> <b>Pages:</b> <b>Date:</b>	

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	52	Author: Title: Registry Number: 71782-95-1 Publ: Chemical Abstracts Vol/Iss: Pages: Date:			
	53	Author: Title: Registry Number: 101277-11-6 Publ: Chemical Abstracts Vol/Iss: Pages: Date:			
	54	Author: ABOULWafa et al. Title: Synthesis and evaluation for uterotrophic and antiimplantation activities of 2-substituted estradiol derivatives Publ: Steroids Vol/Iss: 57 Pages: 199-204 Date: 04/1992			
	55	Author: ADAMS, E.F. et al. Title: Steroidal regulation of oestradiol-17B dehydrogenase activity of the human breast cancer cell line MCF-7 (Chemical Abstracts Doc. No. 109:32325, 1988) Publ: Journal of Endocrinology Vol/Iss: 118 (1) Pages: 149-154 Date: 07/1988			
	56	Author: AIZU-YOKOTA et al. Title: Natural Estrogens Induce Modulation of Microtubules in Chinese Hamster V79 Cells in Culture Publ: Cancer Research Vol/Iss: 55 Pages: 1863-1868 Date: 05/01/95			
	57	Author: ALGIRE, G.H. et al. Title: Vascular reactions of normal and malignant tumors in vivo. I. Vascular reactions of mice to wounds and to normal and neoplastic transplants Publ: Journal of the National Cancer Institute Vol/Iss: 6 Pages: 73-85 Date: 08/1945			
	58	Author: ALIEV et al. Title: 54929q Synthesis of cycloalkyl derivatives of dihydric phenols and their ethers Publ: Chemical Abstracts Vol/Iss: 72 Pages: 370 Date: 1970			

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	59	<b>Author:</b> AUDIER et al. <b>Title:</b> Orientation de la fragmentation en spectrometrie de masse par introduction de groupements fonctionnels. VII. - Etheylecetals de ceto-2 steroïdes <b>Publ:</b> Bulletin De La Societe Chimique De France  <b>Vol/Iss:</b> 10 <b>Pages:</b> 3088-3090 <b>Date:</b> 1965	
	60	<b>Author:</b> BANIK et al. <b>Title:</b> Orally Active Long-Acting Estrogen (AY-20,121) (3-(2-propynyloxy)-estra-1,3,5,(10)-triene-17. beta.-ol trimethylacetate) (Identifier only) <b>Publ:</b> Steroids  <b>Vol/Iss:</b> 16 (3) <b>Pages:</b> 289-296 <b>Date:</b> 1970	
	61	<b>Author:</b> BARDON et al. <b>Title:</b> Steroid Receptor-Mediated Cytotoxicity of an Antiestrogen and an Antiprogesterin in Breast Cancer Cells (Abstract only) <b>Publ:</b> Cancer Research  <b>Vol/Iss:</b> 47 (5) <b>Pages:</b> 1441-1448 <b>Date:</b> 03/01/87	
	62	<b>Author:</b> BARNES et al. <b>Title:</b> Tumor Necrosis Factor Production in Patients with Leprosy <b>Publ:</b> Infection and Immunity  <b>Vol/Iss:</b> 60 (4) <b>Pages:</b> 1441-1446 <b>Date:</b> 04/1992	
	63	<b>Author:</b> BHAT et al. <b>Title:</b> Estradiol-induced Mitotic Inhibition in the Bursa of Fabricius of Male Domestic Duckling (Chemical Abstracts Doc. No: 98:31837, 1982) <b>Publ:</b> Mikroskopie  <b>Vol/Iss:</b> 39 <b>Pages:</b> 113-117 <b>Date:</b> 05/1982	
	64	<b>Author:</b> BINDRA et al. <b>Title:</b> Studies in Antifertility Agents. 8. Seco Steroids. 2. 5,6-Secoestradiol and Some Related Compounds <b>Publ:</b> Journal of Medicinal Chemistry  <b>Vol/Iss:</b> 18 (9) <b>Pages:</b> 921-925 <b>Date:</b> 1975	
	65	<b>Author:</b> BLICKENSTAFF et al. <b>Title:</b> Estrogen-Catharanthus (Vinca) Alkaloid Conjugates (Chemical Abstracts Doc. No: 94:114277, 1981) <b>Publ:</b> Cytotoxic Estrogens in Hormone Receptive Tumors  <b>Vol/Iss:</b> <b>Pages:</b> 89-105 <b>Date:</b> 1980	

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	66	Author: BLICKENSTAFF et al. Title: Synthesis of Some Analogs of Estradiol  Publ: Steroids  Vol/Iss: 46 (4,5) Pages: 889-902 Date: 10/1985			
	67	Author: BOYCE et al. Title: Some Preliminary Synthetical Studies with 5,6,7,8-Tetra-hydro-8-methylindane -1,5-dione  Publ: Unknown  Vol/Iss: Pages: 4547-4553 Date: 1960			
	68	Author: BOYE et al. Title: 185. Deaminocolchinyll Methyl Ether: Synthesis from 2,3,4,4'-Tetramethoxybiphenyl- 2-carbaldehyde. Comparison of Antitubulin Effects of Deaminocolchinyll Methyl Ether and Dehydro Analogs  Publ: Helvetica Chimica Acta  Vol/Iss: 72 Pages: 1690-1696 Date: 1989			
	69	Author: BRANDI et al. Title: Bone endothelial cells as estrogen targets (Abstract only)  Publ: Calcif. Tissue Int.  Vol/Iss: 53 (5) Pages: 312-317 Date: 1993			
	70	Author: BREM, H. et al. Title: Interstitial chemotherapy with drug polymer implants for the treatment of recurrent gliomas  Publ: Journal of Neurosurgery  Vol/Iss: 74 Pages: 441-446 Date: 03/01/91			
	71	Author: BROCKWAY, W. J. et al. Title: Measurement of the Binding of Antifibrinolytic Amino Acids to Various Plasminogens  Publ: Archives of Biochemistry and Biophysics  Vol/Iss: 151 Pages: 194-199 Date: 04/18/72			
	72	Author: BROSENS et al. Title: Comparative Study of the Estrogenic Effect of Ethinylestradiol and Mestranol on the Endometrium  Publ: Laboratory for Gynecological Physiopathology  Vol/Iss: 14 (6) Pages: 679-685 Date: 12/01/76			

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	73	<b>Author:</b> BROWNE <b>Title:</b> Expression of Recombinant Human Plasminogen and Aglycoplasminogen in HeLa cells <b>Publ:</b> <u>Fibinolysis</u> <b>Vol/Iss:</b> 5 <b>Pages:</b> 257-260 <b>Date:</b> 04/13/91			
	74	<b>Author:</b> CAMBIE et al. <b>Title:</b> Aromatic Steroids. Part II. Chromium Trioxide Oxidation of Some Oestra-1,3-5(10)-trienes <b>Publ:</b> <u>Journal of the Chemical Society</u> <b>Vol/Iss:</b> 9 <b>Pages:</b> 1234-1240 <b>Date:</b> 1969			
	75	<b>Author:</b> CAMBIE et al. <b>Title:</b> Aromatic Steroids. Part I. Oxidation Products of 3-Methoxyestra-1,3,5(10)-triene-17-yl Acetate <b>Publ:</b> <u>J. Chem. Soc.</u> <b>Vol/Iss:</b> <b>Pages:</b> 2603-2608 <b>Date:</b> 1968			
	76	<b>Author:</b> CASTAGNETTA, L. et al. <b>Title:</b> Simple Approach to Measure Metabolic Pathways of Steroids in Living Cells <b>Publ:</b> <u>Journal of Chromatography</u> <b>Vol/Iss:</b> 572 <b>Pages:</b> 25-39 <b>Date:</b> 12/06/91			
	77	<b>Author:</b> CHASSEROT-GOLAZ et al. <b>Title:</b> Biotransformation of 17.beta.-hydroxy-11.beta.-(4-dimethylaminophenyl) 17.alpha.1-propynyl-estra-4,9-diene-3-one (RU486) in Rat Hepatoma Variants (Identifier only) <b>Publ:</b> <u>Biochemical Pharmacology</u> <b>Vol/Iss:</b> 46 (11) <b>Pages:</b> 2100-2103 <b>Date:</b> 1993			
	78	<b>Author:</b> CHEN et al. <b>Title:</b> A New Synthetic Route to 2- and 4-Methoxyestradiols by Nucleophilic Substitution <b>Publ:</b> <u>Steroids</u> <b>Vol/Iss:</b> 47 (1) <b>Pages:</b> 63-66 <b>Date:</b> 01/1986			
	79	<b>Author:</b> CHEN et al. <b>Title:</b> Synthesis of 11.beta.-(4-dimethylaminophenyl)-17.beta.-hydroxy-17.alpha.-(1-propynyl) estro-4, 9-dien-3-one (RU486) (Identifier only) <b>Publ:</b> <u>Nanjing Yaoxueyuan Xuebao</u> <b>Vol/Iss:</b> 17 (4) <b>Pages:</b> 282-285 <b>Date:</b> 1986			

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				Application No.	10/617,150
				Filing Date	07/10/2003
				First Named Inventor	D'Amato
				Group Art Unit	Unassigned
Examiner Name	Unassigned				
Sheet	9	of	27	Attorney Docket Number	05213-0924 (43170-287649)
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	80	<b>Author:</b> COHEN et al. <b>Title:</b> Novel Total Synthesis of (+)-Estrone 3-Methyl Ether, (+)-13βEthyl-3-methoxygona-1,3,5(10)-trien-17-one, and (+)-Equilenin 3-Methyl Ether <b>Publ:</b> <u>The Journal of Organic Chemistry</u> <b>Vol/Iss:</b> 40 (6) <b>Pages:</b> 681-685 <b>Date:</b> 03/21/75			
	81	<b>Author:</b> COLLINS et al. <b>Title:</b> The Structure and Function of Estrogens. XI. Synthesis of (+/-)-7(8-11α) abeo-Estradiol and its 9,11-Didehydro Derivative <b>Publ:</b> <u>Aust. Journal of Chemistry</u> <b>Vol/Iss:</b> 45 (1) <b>Pages:</b> 71-97 <b>Date:</b> 1992			
	82	<b>Author:</b> COREY et al. <b>Title:</b> Applications of N,N-Dimethylhydrazones to Synthesis. Use in Efficient, Positionally and Stereochemically Selective C-C Bond Formation; Oxidative Hydrolysis to Carbonyl Compounds <b>Publ:</b> <u>Tetrahedron Letters</u> <b>Vol/Iss:</b> 1 <b>Pages:</b> 3-6 <b>Date:</b> 1976			
	83	<b>Author:</b> COREY et al. <b>Title:</b> Facile Conversion of N,N-Dimethylhydrazones to Carbonyl Compounds by Cupric Ion-Catalyzed Hydrolysis <b>Publ:</b> <u>Tetrahedron Letters</u> <b>Vol/Iss:</b> 41 <b>Pages:</b> 36678-3668 <b>Date:</b> 1976			
	84	<b>Author:</b> CRABBE, P. <b>Title:</b> Cotton effect of the styrene chromophore (Abstract only) <b>Publ:</b> <u>Chem. Ind.</u> <b>Vol/Iss:</b> 27 <b>Pages:</b> 917-918 <b>Date:</b> 1969			
	85	<b>Author:</b> CRUM, R. et al. <b>Title:</b> A New Class of Steroids Inhibits Angiogenesis in the Presence of Heparin or a Heparin Fragment <b>Publ:</b> <u>Science</u> <b>Vol/Iss:</b> 230 <b>Pages:</b> 1375-1378 <b>Date:</b> 12/20/85			
	86	<b>Author:</b> DURANI et al. <b>Title:</b> Seco-Oestradiols and Some Non-Steroidal Oestrogens: Structural Correlates of Oestrogenic Action <b>Publ:</b> <u>Journal of Steroid Biochemistry</u> <b>Vol/Iss:</b> 11 <b>Pages:</b> 67-77 <b>Date:</b> 1979			

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	87	Author: DVIR et al. Title: Thin-layer Chromatography of DANSYL-oestrogens Publ: Journal of Chromatography Vol/Iss: 52 Pages: 505-506 Date: 11/04/70			
	88	Author: EDER et al. Title: Synthese von Oestradiol (in German - No translation available) Publ: Chem. Ber. Vol/Iss: 109 Pages: 2948-2953 Date: 1976			
	89	Author: EMONS et al. Title: Modulation der hypophysären Sekretion von Luteinisierendem Hormon (LH) durch Oestrogene Publ: FOCUS MHL Vol/Iss: 3 Pages: 221-228 Date: 1986			
	90	Author: EPE et al. Title: Microtubular Proteins as Cellular Targets for Carcinogenic Estrogens and Other Carcinogens Publ: Mechanisms of Chromosome Distribution and Aneuploidy Vol/Iss: Pages: 345-351 Date: 1989			
	91	Author: EVANS et al. Title: A Convergent Total Synthesis of +/- Colchicine and +/- Desacetamidocolchicine Publ: Journal of the American Chemical Society Vol/Iss: 103 Pages: 5813-5821 Date: 09/23/81			
	92	Author: FANCHENKO et al. Title: Characteristics of the guinea pig uterus estrogen receptor system (Abstract only) Publ: Byull. Eksp. Biol. Med. Vol/Iss: 85 (4) Pages: 467-470 Date: 1978			
	93	Author: FETIZON et al. Title: Synthesis of 2-keto steroids (Abstract only) Publ: Bull. Soc. Chim. FR. Vol/Iss: 8 Pages: 3301-3306 Date: 1968			

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	94	<b>Author:</b> FEVIG et al. <b>Title:</b> A Short, Stereoselective Route to 16 $\alpha$ -(Substituted-alkyl)estradiol Derivatives <b>Publ:</b> <u>Journal of Organic Chemistry</u> <b>Vol/Iss:</b> 52 <b>Pages:</b> 247-251 <b>Date:</b> 1987			
	95	<b>Author:</b> FIELD et al. <b>Title:</b> Effect of Thalidomide on the Graft versus Host Reaction <b>Publ:</b> <u>Nature</u> <b>Vol/Iss:</b> 211 (5055) <b>Pages:</b> 1308-1310 <b>Date:</b> 09/17/66			
	96	<b>Author:</b> FIESER et al. <b>Title:</b> N-Methylformanilide <b>Publ:</b> <u>Organic Synthesis Collective Volume 3</u> <b>Vol/Iss:</b> 3 <b>Pages:</b> 590-591 <b>Date:</b> 1955			
	97	<b>Author:</b> FITZGERALD <b>Title:</b> Molecular Features of Colchicine Associated with Antimitotic Activity and Inhibition of Tubulin Polymerization <b>Publ:</b> <u>Biochemical Pharmacology</u> <b>Vol/Iss:</b> 25 (12) <b>Pages:</b> 1383-1387 <b>Date:</b> 06/15/76			
	98	<b>Author:</b> FLOHE et al. <b>Title:</b> Studies on the Hypothetical Relationship of Thalidomide-induced Embryopathy and Collagen Biosynthesis <b>Publ:</b> <u>Arzneimittel/Forschung (Germany West)</u> <b>Vol/Iss:</b> 31 (2) <b>Pages:</b> 315-320 <b>Date:</b> 01/01/81			
	99	<b>Author:</b> FOLKMAN et al. <b>Title:</b> Angiogenesis Inhibition and Tumor Regression Caused by Heparin or a Heparin Fragment in the Presence of Cortisone <b>Publ:</b> <u>Science</u> <b>Vol/Iss:</b> 221 <b>Pages:</b> 719-725 <b>Date:</b> 08/19/83			
	100	<b>Author:</b> FOLKMAN, J. <b>Title:</b> Tumor Angiogenesis: Therapeutic Implications <b>Publ:</b> <u>New England Journal of Medicine</u> <b>Vol/Iss:</b> 285 (21) <b>Pages:</b> 1182-1186 <b>Date:</b> 11/18/71			

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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

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Examiner Name	Unassigned				
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	101	<b>Author:</b> FOLKMAN, J. et al. <b>Title:</b> Induction of Angiogenesis During the Transition from Hyperplasia to Neoplasia  <b>Publ:</b> <u>Nature</u>  <b>Vol/Iss:</b> 339 <b>Pages:</b> 58-61 <b>Date:</b> 05/04/89			
	102	<b>Author:</b> FOLKMAN, J. et al. <b>Title:</b> Tumor Behavior in Isolated Perfused Organs in vitro Growth and Metastases of Biopsy Material in Rabbit Thyroid and Canine Intestinal Segment  <b>Publ:</b> <u>Annals of Surgery</u>  <b>Vol/Iss:</b> 164(3) <b>Pages:</b> 491-502 <b>Date:</b> 09/01/66			
	103	<b>Author:</b> GANDHI et al. <b>Title:</b> Mannich Reaction of Estrone  <b>Publ:</b> <u>Journal of Indian Chem. Soc.</u>  <b>Vol/Iss:</b> 39 <b>Pages:</b> 306-308 <b>Date:</b> 1962			
	104	<b>Author:</b> GASLINI et al. <b>Title:</b> Reaction of Eugenol with Synthesis Gas. Synthesis of 5,6,7,8-Tetrahydro-3-methoxy-2-naphthol  <b>Publ:</b> <u>Journal of Organic Chemistry</u>  <b>Vol/Iss:</b> 29 (5) <b>Pages:</b> 1177-1180 <b>Date:</b> 05/1964			
	105	<b>Author:</b> GETAHUN et al. <b>Title:</b> Synthesis of Alkoxy-Substituted Diaryl Compounds and Correlation of Ring Separation with Inhibition of Tubulin Polymerization: Differential Enhancement of Inhibitory Effects Under Suboptimal Polymerization Reaction Conditions  <b>Publ:</b> <u>Journal of Medicinal Chemistry</u>  <b>Vol/Iss:</b> 35 (6) <b>Pages:</b> 1058-1067 <b>Date:</b> 03/20/92			
	106	<b>Author:</b> GIMBRONE, M.A. et al. <b>Title:</b> Tumor Growth and Neovascularization: An Experimental Model Using the Rabbit Cornea  <b>Publ:</b> <u>Journal of the National Cancer Institute</u>  <b>Vol/Iss:</b> 52(2) <b>Pages:</b> 413-427 <b>Date:</b> 02/74			
	107	<b>Author:</b> GIMBRONE, M.A. et al. <b>Title:</b> Tumor dormancy <i>in vivo</i> by Prevention of Neovascularization  <b>Publ:</b> <u>Journal of Experimental Medicine</u>  <b>Vol/Iss:</b> 136 <b>Pages:</b> 261-276 <b>Date:</b> 1972			

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	108	<b>Author:</b> GONZALEZ et al. <b>Title:</b> Synthesis and Pharmacological Evaluation of 8 $\alpha$ Estradiol Derivatives  <b>Publ:</b> <u>Steroids</u>  <b>Vol/Iss:</b> 40 (2) <b>Pages:</b> 171-187 <b>Date:</b> 9/1982			
	109	<b>Author:</b> GROSS et al. <b>Title:</b> Inhibition of Tumor Growth, Vascularization, and Collagenolysis in the Rabbit Cornea by Medroxyprogesterone  <b>Publ:</b> <u>Proceedings of the National Academy of Science</u> <u>USA</u>  <b>Vol/Iss:</b> 78 (2) <b>Pages:</b> 1176-1180 <b>Date:</b> 02/1981			
	110	<b>Author:</b> GROSS, J.L. et al. <b>Title:</b> Modulation of Solid Tumor Growth in vivo by bFGF (Abstract only)  <b>Publ:</b> <u>Proceedings of the American Association of Cancer Research</u>  <b>Vol/Iss:</b> 31 <b>Pages:</b> 79 <b>Date:</b> 03/90			
	111	<b>Author:</b> GUNZLER, V. <b>Title:</b> Thalidomide-A Therapy for the Immunological Consequences of HIV Infection?  <b>Publ:</b> <u>Medical Hypothesis</u>  <b>Vol/Iss:</b> 30 (2) <b>Pages:</b> 105-109 <b>Date:</b> 10/89			
	112	<b>Author:</b> GUPTA et al. <b>Title:</b> Antifertility Agents. XIV. Secosteroids. VII. Synthesis of 2 $\alpha$ and 2 $\beta$ , 6 $\beta$ -dimethyl- 3 $\beta$ -(p-hydroxyphenyl)-trans-bicyclo[4.3.0]nonan-7-ones and some related compounds (Abstract only)  <b>Publ:</b> <u>Indian Journal of Chemistry</u>  <b>Vol/Iss:</b> 13 (7) <b>Pages:</b> 759-760 <b>Date:</b> 1975			
	113	<b>Author:</b> GUPTA et al. <b>Title:</b> Studies in Antifertility Agents. Part XVIII. 2 $\alpha$ 6 $\beta$ -Diethyl-3 $\beta$ -(p-hydroxyphenyl)-trans-bicyclo[4.3.0]nonan-7 $\beta$ -ol and 6 $\beta$ -methyl-3 $\beta$ -(p-hydroxyphenyl)-2 $\alpha$ -propyl- trans-bicyclo[4.3.0]nonan-7 $\beta$ -ol (Abstract only)  <b>Publ:</b> <u>Indian Journal of Chemistry</u>  <b>Vol/Iss:</b> 19B (10) <b>Pages:</b> 886-890 <b>Date:</b> 1980			
	114	<b>Author:</b> GUTIERREZ-RODRIGUEZ et al. <b>Title:</b> Treatment of Refractory Rheumatoid Arthritis - The Thalidomide Experience  <b>Publ:</b> <u>The Journal of Rheumatology</u>  <b>Vol/Iss:</b> 16 (2) <b>Pages:</b> 158-163 <b>Date:</b> 02/89			

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	115	<b>Author:</b> GUTIERREZ-RODRIGUEZ, <b>Title:</b> Thalidomide - A Promising New Treatment for Rheumatoid Arthritis <b>Publ:</b> O. <u>Arthritis and Rheumatism</u> <b>Vol/Iss:</b> 27 (10) <b>Pages:</b> 1118-1121 <b>Date:</b> 10/84	
	116	<b>Author:</b> HAHNEL et al. <b>Title:</b> The Specificity of the Estrogen Receptor of Human Uterus <b>Publ:</b> <u>Journal of Steroid Biochemistry</u> <b>Vol/Iss:</b> 4 <b>Pages:</b> 21-31 <b>Date:</b> 1973	
	117	<b>Author:</b> HANDLEY et al. <b>Title:</b> Chronic bullous disease of childhood and ulcerative colitis <b>Publ:</b> <u>British Journal of Dermatology</u> <b>Vol/Iss:</b> 127 (40) <b>Pages:</b> 67-68 <b>Date:</b> 07/01/92	
	118	<b>Author:</b> HARTLEY-ASP et al. <b>Title:</b> Diethylstilbestrol Induces Metaphase Arrest and Inhibits Microtubule Assembly <b>Publ:</b> <u>Mutation Research</u> <b>Vol/Iss:</b> 143 (4) <b>Pages:</b> 231-235 <b>Date:</b> 08/1985	
	119	<b>Author:</b> HENEY et al. <b>Title:</b> Thalidomide treatment for chronic graft-versus-host disease <b>Publ:</b> <u>British Journal of Haematology</u> <b>Vol/Iss:</b> 78 (1) <b>Pages:</b> 23-27 <b>Date:</b> 05/91	
	120	<b>Author:</b> HOLKER et al. <b>Title:</b> The Reactions of Estrogens with Benzeneseleninic Anhydride and Hexamethyldisilazane <b>Publ:</b> <u>J. Chem. Soc. Perkin Trans.</u> <b>Vol/Iss:</b> 1 <b>Pages:</b> 1915-1918 <b>Date:</b> 1982	
	121	<b>Author:</b> HORI, A. et al. <b>Title:</b> Suppression of Solid Tumor Growth by Immunoneutralizing Monoclonal Antibody Against Human Basic Fibroblasts Growth Factor <b>Publ:</b> <u>Cancer Research</u> <b>Vol/Iss:</b> 51 <b>Pages:</b> 6180-6184 <b>Date:</b> 11/15/91	

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	122	Author: HUBER et al. Title: Tubulin Binding of Conformationally Restricted Bis-Aryl Compounds Publ: Bioorganic & Medicinal Chemistry Letters Vol/Iss: 1 (5) Pages: 243-246 Date: 1991			
	123	Author: IMAMURA et al. Title: Method for Manufacture of Dihydric Phenols (Abstract only) Publ: USPATFULL 76:20259 US 3,950,437 Vol/Iss: Pages: Date: 04/13/1976			
	124	Author: INGBER, D. et al. Title: Synthetic analogues of fumagillin that inhibit angiogenesis and suppress tumor growth Publ: Nature Vol/Iss: 348 Pages: 555-557 Date: 12/06/90			
	125	Author: IRIARTE et al. Title: Steroids (XCIV). Synthesis of 2-methyl and 1,2-dimethyl estrogens (Abstract only) Publ: Tetrahedron Vol/Iss: 3 Pages: 28-36 Date: 1958			
	126	Author: JHINGRAN et al. Title: Studies in Antifertility Agents - Part XLI: Secosteroids-x: Syntheses of Various Stereoisomers of (+)-2,6 $\beta$ -diethyl-7 $\alpha$ -ethynyl-3-(p-hydroxyphenyl)-trans-bicyclo [4.3.0]nonan-7 $\beta$ -ol. Publ: Steroids Vol/Iss: 42 (6) Pages: 627-634 Date: 1983			
	127	Author: KABARITY et al. Title: Further Investigations on the cytological effects of some contraceptives Publ: Mutation Research Vol/Iss: 135 Pages: 181-188 Date: 1984			
	128	Author: KARWAT Title: Separation and Recovery of Hydrogen Sulfide from Hydrocarbon Mixture Publ: Caplus DE 1103310 Vol/Iss: Pages: Date: 09/02/1959			

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				Filing Date	07/10/2003
				First Named Inventor	D'Amato
				Group Art Unit	Unassigned
Examiner Name	Unassigned				
Sheet	16	of	27	Attorney Docket Number	05213-0924 (43170-287649)

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

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	129	<b>Author:</b> KELLY et al. <b>Title:</b> The Stimulation of Prostaglandin Production by Two Antiprogestosterone Steroids in Human Endometrial Cells (Abstract only) <b>Publ:</b> <u>Journal of Clinical Endocrinology Metabolism</u> <b>Vol/Iss:</b> 62 (6) <b>Pages:</b> 1116-1123 <b>Date:</b> 06/1986	
	130	<b>Author:</b> KIM, K.J. et al. <b>Title:</b> Inhibition of Vascular Endothelial Growth Factor-induced Angiogenesis Suppresses Tumor Growth In Vivo <b>Publ:</b> <u>Nature</u> <b>Vol/Iss:</b> 362 <b>Pages:</b> 841-844 <b>Date:</b> 04/29/93	
	131	<b>Author:</b> KNIGHTON, D. et al. <b>Title:</b> Avascular and Vascular Phases of Tumour Growth in the Chick Embryo <b>Publ:</b> <u>British Journal of Cancer</u> <b>Vol/Iss:</b> 35 <b>Pages:</b> 347-356 <b>Date:</b> 1977	
	132	<b>Author:</b> KOLE et al. <b>Title:</b> Studies in Antifertility Agents. 11. Secosteroids. 5. Synthesis of 9,11-Secoestradiol <b>Publ:</b> <u>Journal of Medicinal Chemistry</u> <b>Vol/Iss:</b> 18 (7) <b>Pages:</b> 765-766 <b>Date:</b> 1975	
	133	<b>Author:</b> KOVACS et al. <b>Title:</b> Steroids. XXIII. Synthesis of 2- and 4-hydroxy and 2,4-dihydroxy derivatives of estrone and estradiol (Abstract only) <b>Publ:</b> <u>Acta Phys.Chem.</u> <b>Vol/Iss:</b> 19 (3) <b>Pages:</b> 287-290 <b>Date:</b> 1973	
	134	<b>Author:</b> LEWIS, Richard J. <b>Title:</b> <b>Publ:</b> <u>Hawley's Condensed Chemical Dictionary</u> <b>Vol/Iss:</b> <b>Pages:</b> 577 <b>Date:</b> 01/1993	
	135	<b>Author:</b> LEWIS, Richard J. <b>Title:</b> <b>Publ:</b> <u>Hawley's Condensed Chemical Dictionary</u> <b>Vol/Iss:</b> <b>Pages:</b> 128-129 <b>Date:</b> 01/1993	

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	136	<b>Author:</b> LI, J., et al. <b>Title:</b> (DN 103:65176) Catechol Formation of Fluoro- and Bromo-substituted Estradiols by Hamster Liver Microsomes. Evidence for Dehalogenation. (Abstract only) <b>Publ:</b> CAPLUS; Molecular Pharmacology <b>Vol/Iss:</b> 27 (5) <b>Pages:</b> 559-565 <b>Date:</b> 1985				
	137	<b>Author:</b> LICHTENAUER et al. <b>Title:</b> Zur Behandlung des Prostata-Karzinoms <b>Publ:</b> Deutsches medizinisches Journal <b>Vol/Iss:</b> 23 <b>Pages:</b> 248-249 <b>Date:</b> 01/1972				
	138	<b>Author:</b> LIEN, W. et al. <b>Title:</b> The blood supply of experimental liver metastases. II. A Microcirculatory study of the normal and tumor vessels of the liver with the use of perfused silicone rubber <b>Publ:</b> Surgery <b>Vol/Iss:</b> 68 (2) <b>Pages:</b> 334-340 <b>Date:</b> 08/1970				
	139	<b>Author:</b> LIMANTSEV et al. <b>Title:</b> Effect of some estrogen structural analogs on the development of the mouse embryo (Abstract only) <b>Publ:</b> Akush Jinekol. <b>Vol/Iss:</b> 6 <b>Pages:</b> 55-56 <b>Date:</b> 1982				
	140	<b>Author:</b> LIN et al. <b>Title:</b> Interactions of Tubulin with Potent Natural and Synthetic Analogs of the Antimitotic Agent Combretastatin: A Structure-Activity Study <b>Publ:</b> Molecular Pharmacology <b>Vol/Iss:</b> 34 (2) <b>Pages:</b> 200-208 <b>Date:</b> 08/1988				
	141	<b>Author:</b> LINCOLN et al. <b>Title:</b> Conformation of Thiocolchicine and Two B-Ring-Modified Analogues Bound to Tubulin Studied with Optical Spectroscopy <b>Publ:</b> Biochemistry <b>Vol/Iss:</b> 30 (5) <b>Pages:</b> 1179-1187 <b>Date:</b> 02/05/91				
	142	<b>Author:</b> LIU et al. <b>Title:</b> Total Synthesis of (+)- $\Delta^{9(12)}$ -Capnellene <b>Publ:</b> Tetrahedron Letters <b>Vol/Iss:</b> 26 (40) <b>Pages:</b> 4847-4850 <b>Date:</b> 1985				

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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

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Examiner Name	Unassigned				
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	143	<b>Author:</b> LOOZEN et al. <b>Title:</b> An approach to the synthesis of 7.beta.-amino estrogens (Abstract only)  <b>Publ:</b> <u>Recl.: J.R. Neth.Chem. Soc.</u>  <b>Vol/Iss:</b> 102 (10) <b>Pages:</b> 433-437 <b>Date:</b> 1983			
	144	<b>Author:</b> LOTTERING et al. <b>Title:</b> Effects of the 17β-Estradiol Metabolites on Cell Cycle Events in MCF-7 Cells (Chemical Abstracts Doc. No: 117:245769, 1992)  <b>Publ:</b> <u>Cancer Research</u>  <b>Vol/Iss:</b> 52 <b>Pages:</b> 5926-5932 <b>Date:</b> 11/01/92			
	145	<b>Author:</b> LUO et al. <b>Title:</b> Effect of Components of Crowth Ether Copper(I)Iodide Mixed Catalyst on Nucleophilic Substitution of Bromoestrogen (Abstract No. 195225)  <b>Publ:</b> <u>Chemical Abstracts</u>  <b>Vol/Iss:</b> 111 (21) <b>Pages:</b> 818, Column 1 <b>Date:</b> 11/20/89			
	146	<b>Author:</b> MARO et al. <b>Title:</b> Mechanism of Polar Body Formation in the Mouse Oocyte: An Interaction Between the Chromosomes, the Cytoskeleton and the Plasma Membrane  <b>Publ:</b> <u>Journal of Embryology and Experimental Morphology</u>  <b>Vol/Iss:</b> 92 <b>Pages:</b> 11-32 <b>Date:</b> 1986			
	147	<b>Author:</b> MAYOL et al. <b>Title:</b> Ethynylestradiol-Induced Cell Proliferation in Rat Liver Involvement of Specific Populations of Hepatocytes (Abstract only)  <b>Publ:</b> <u>Carcinogenesis</u>  <b>Vol/Iss:</b> 13 (12) <b>Pages:</b> 2381-2388 <b>Date:</b> 1992			
	148	<b>Author:</b> MICHEL et al. <b>Title:</b> Inhibition of synaptosomal high-affinity uptake of dopamine and serotonin by estrogen agonists and antagonists (Abstract only)  <b>Publ:</b> <u>Biochem. Pharmacol.</u>  <b>Vol/Iss:</b> 36 (19) <b>Pages:</b> 3175-3180 <b>Date:</b> 1987			
	149	<b>Author:</b> MORGAN et al. <b>Title:</b> Calcium and Oestrogen Interactions upon the Rat Thymic Lymphocyte Plasma Membrane (Chemical Abstracts Doc. No: 85:172052, 1976)  <b>Publ:</b> <u>Biochemical and Biophysical Research Communications</u>  <b>Vol/Iss:</b> 72 (2) <b>Pages:</b> 663-672 <b>Date:</b> 09/20/76			

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				Group Art Unit	Unassigned
Examiner Name	Unassigned				
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	150	<b>Author:</b> MORISAKI et al. <b>Title:</b> Steroids. LI. Aromatization reaction of the cross-conjugated dienone system by Zinc 9. (Abstract only) <b>Publ:</b> <u>Chem. Pharm. Bull.</u>  <b>Vol/Iss:</b> 14 (8) <b>Pages:</b> 866-872 <b>Date:</b> 1966	
	151	<b>Author:</b> NAAFS et al. <b>Title:</b> Thalidomide Therapy An Open Trial <b>Publ:</b> <u>International Journal of Dermatology</u>  <b>Vol/Iss:</b> 24 (2) <b>Pages:</b> 131-134 <b>Date:</b> 03/1985	
	152	<b>Author:</b> NAKAMURA et al. <b>Title:</b> Studies on the Total Synthesis of <i>d</i> -Colchicine. I. Synthesis of 3-Hydroxy-9, 10, 11-trimethoxy-1,2,3,4,6,7-hexahydro-5 <i>H</i> -dibenzo[a,c] cycloheptatrien-5-one <b>Publ:</b> <u>Chemical and Pharmaceutical Bulletin</u>  <b>Vol/Iss:</b> 10 <b>Pages:</b> 281-290 <b>Date:</b> 1962	
	153	<b>Author:</b> NAMBARA et al. <b>Title:</b> Studies on Steroid Conjugates. III. New Synthesis of 2-Methoxyestrogens <b>Publ:</b> <u>Chem. Pharm. Bulletin</u>  <b>Vol/Iss:</b> 18 (3) <b>Pages:</b> 474-480 <b>Date:</b> 03/1970	
	154	<b>Author:</b> NAMBARA et al. <b>Title:</b> Microbial transformation products derived from steroids. I. Synthesis of 1,2- and 3-dimethoxy-4-methylestratrienes (Abstract only) <b>Publ:</b> <u>Chem. Pharm. Bull.</u>  <b>Vol/Iss:</b> 20 (2) <b>Pages:</b> 336-342 <b>Date:</b> 1972	
	155	<b>Author:</b> NAMBARA et al. <b>Title:</b> Synthesis of 16 $\beta$ -Oxygenated Catechol Estrogen Methyl Ethers, New and Potential Metabolites <b>Publ:</b> <u>Chemical &amp; Pharmaceutical Bulletin</u>  <b>Vol/Iss:</b> 23 (7) <b>Pages:</b> 1613-1616 <b>Date:</b> 07/1975	
	156	<b>Author:</b> NAMBARA, T., et al. <b>Title:</b> DN 82:43650; Analytical Chemical Studies on Steroids. LXXIII. Synthesis of Epimeric 2-Hydroxy-16-Chlorestrong Monomethyl Ethers (Abstract only) <b>Publ:</b> <u>HCAPLUS-Chemical and Pharmaceutical Bulletin</u>  <b>Vol/Iss:</b> 22 (10) <b>Pages:</b> 2455-2457 <b>Date:</b> 1974	

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	157	Author: NEWKOME et al. Title: Synthesis of Simple Hydrazones of Carbonyl Compounds by an Exchange Reaction  Publ: Journal of Organic Chemistry  Vol/Iss: 31 Pages: 677-681 Date: 03/1966			
	158	Author: NGUYEN, M. et al. Title: Elevated Levels of the Angiogenic Peptide Basic Fibroblast Growth Factor in Urine of Bladder Cancer Patients  Publ: Journal of the National Cancer Institute  Vol/Iss: 85 (3) Pages: 241-242 Date: 02/03/93			
	159	Author: NUMAZAWA et al. Title: Efficient Synthesis of 2-Methoxy- and 4-Methoxy-Estrogens  Publ: Journal of the Chemical Society  Vol/Iss: Pages: 533-534 Date: 01/01/83			
	160	Author: NUMAZAWA et al. Title: Novel and Regiospecific Synthesis of 2-Amino Estrogens via Zincke Nitration  Publ: Steroids  Vol/Iss: 41 (5) Pages: 675-682 Date: 1983			
	161	Author: OCHS et al. Title: Effect of Tumor Promoting Contraceptive Steroids on Growth and Drug Metabolizing Enzymes in Rat Liver (Abstract only)  Publ: Cancer Research  Vol/Iss: 46 (3) Pages: 1224-1232 Date: 1986			
	162	Author: OPPOLZER et al. Title: 177. The Enantioselective Synthesis of (+)-Estradiol from 1,3-Dihydrobenzo[c]thiophene-2,2-dioxide by Successive Thermal SO <sub>3</sub> -Extrusion and Cycloaddition Reactions  Publ: Helvetica Chimica Acta  Vol/Iss: 63 Pages: 1703-1705 Date: 1980			
	163	Author: PAULL et al. Title: Identification of Novel Antimitotic Agents Acting at the Tubulin Level by Computer-assisted Evaluation of Differential Cytotoxicity Data  Publ: Cancer Research  Vol/Iss: 52 (14) Pages: 3892-3900 Date: 07/15/92			

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	164	Author: PERT et al. Title: Preparations of 2,4-disubstituted estradiols (Abstract only) Publ: Australian Journal of Chemistry Vol/Iss: 42 (3) Pages: 421-432 Date: 1989				
	165	Author: PETERS et al. Title: 17-Desoxy Estrogen Analogues Publ: Journal of Medicinal Chemistry Vol/Iss: 32 (7) Pages: 1642-1652 Date: 1989				
	166	Author: PFEIFFER et al. Title: Are catechol estrogens obligatory mediators of estrogen action in the central nervous system? I. Characterization of pharmacological probes with different receptor binding affinities and catechol estrogen formation rates (Abstract only) Publ: Journal of Endocrinology Vol/Iss: 110 (3) Pages: 489-497 Date: 1986				
	167	Author: POLI et al. Title: Tumor Necrosis Factor $\alpha$ Functions in an Autocrine Manner in the Induction of Human Immunodeficiency Virus Expression Publ: Proceedings of the National Academy of Science USA Vol/Iss: 87 (2) Pages: 782-785 Date: 01/1990				
	168	Author: POWELL et al. Title: Investigation and Treatment of Orogenital Ulceration; studies on a Possible Mode of Action of Thalidomide Publ: British Journal of Dermatology Vol/Iss: 113 Supp. 28 Pages: 141-144 Date: 07/1985				
	169	Author: RAO et al. Title: Structural Specificity of Estrogens in the Induction of Mitotic Chromatid Non-Disjunction in Hela Cells Publ: Experimental Cell Research Vol/Iss: 48 Pages: 71-81 Date: 1967				
	170	Author: RAO et al. Title: A Novel, Two-Step Synthesis of 2-Methoxyestradiol Publ: Synthesis Vol/Iss: Pages: 168-169 Date: 03/01/77				

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	171	<b>Author:</b> RAVINDRA, R. <b>Title:</b> Effect of Estradiol on the <i>in vitro</i> Assembly of Rat Brain Tubulin  <b>Publ:</b> <u>Journal of Indian Institute of Science</u>  <b>Vol/Iss:</b> 64 (3) <b>Pages:</b> 27-35 <b>Date:</b> 03/1983	
	172	<b>Author:</b> ROMANELLI et al. <b>Title:</b> Ethyl- <i>p</i> -Dimethylaminophenylacetate  <b>Publ:</b> <u>Organic Synthesis</u>  <b>Vol/Iss:</b> 5 <b>Pages:</b> 552 <b>Date:</b> 10/24/1973	
	173	<b>Author:</b> SAKAKIBARA et al. <b>Title:</b> Effects of Diethylstilbestrol and its Methl Ethers on Aneuploidy Induction and Microtubule Distribution in Chinese Hamster V79 cells  <b>Publ:</b> <u>Mutation Research</u>  <b>Vol/Iss:</b> 263 (4) <b>Pages:</b> 269-276 <b>Date:</b> 08/1991	
	174	<b>Author:</b> SAKAKIBARA, KYOICHI <b>Title:</b> 2-Hydroxy-1,3,5(10)-estratriene derivatives (Abstract only) (Identifier: XP-002186126)  <b>Publ:</b> <u>Chemical Abstracts</u>  <b>Vol/Iss:</b> 60(1) <b>Pages:</b> <b>Date:</b> 01/06/64	
	175	<b>Author:</b> SATO et al. <b>Title:</b> Effect of Estradiol and Ethynylestradiol on Microtubule Distribution in Chinese Hamster V79 Cells  <b>Publ:</b> <u>Chemical and Pharmaceutical Bulletin</u>  <b>Vol/Iss:</b> 40 (1) <b>Pages:</b> 182-184 <b>Date:</b> 01/1992	
	176	<b>Author:</b> SATO et al. <b>Title:</b> Disruptive Effect of Diethylstilbestrol on Microtubules  <b>Publ:</b> <u>Gann</u>  <b>Vol/Iss:</b> 75 (12) <b>Pages:</b> 1046-1048 <b>Date:</b> 12/1984	
	177	<b>Author:</b> SAWADA et al. <b>Title:</b> Colchicine-Like Effect of Diethylstilbestrol (DES) on Mammalian Cells in Vitro  <b>Publ:</b> <u>Mutation Research</u>  <b>Vol/Iss:</b> 57 <b>Pages:</b> 175-182 <b>Date:</b> 05/1978	

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				Filing Date	07/10/2003	
				First Named Inventor	D'Amato	
				Group Art Unit	Unassigned	
				Examiner Name	Unassigned	
Sheet	23	of	27	Attorney Docket Number		05213-0924 (43170-287649)
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS						
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	178	Author: SEEGERs et al. Title: Cyclic-AMP and Cyclic-GMP Production in MCF-7 Cells Exposed to Estradiol-17 Beta, Catecholestrogens and Methoxy-Estrogens in MCF-7 Cells (Meeting Abstract only) Publ: Joint MCI-1st Symposium, Third 1st International Symposium, Biology and Therapy of Breast Cancer Vol/Iss: Pages: Date: 09/25/89				
	179	Author: SEEGERs, J.C. et al. Title: The Cytotoxic Effects of Estradiol-17 $\beta$ Catecholestradiols and Methoxyestradiols on Dividing MCF-7 and HeLa Cells Publ: Journal of Steroid Biochemistry Vol/Iss: 32 (6) Pages: 797-809 Date: 06/1989				
	180	Author: SHARP et al. Title: Diethylstilboestrol: the Binding and Effects of Diethylstilboestrol upon the Polymerisation and Depolymerisation of Purified Microtubule Protein <i>in vitro</i> Publ: Carcinogenesis Vol/Iss: 6 (6) Pages: 865-871 Date: 06/1985				
	181	Author: SHISHKINA et al. Title: Synthesis and properties of condensed heterocyclic derivatives of estra-4, 9-dien-17.beta.-ol-3-one (Abstract only) Publ: Khim.-Farm. Zh. Vol/Iss: 8 (1) Pages: 7-11 Date: 1974				
	182	Author: SIDKY et al. Title: Inhibition of Angiogenesis by Interferons: Effects on Tumor- and Lymphocyte-induced Vascular Responses Publ: Cancer Research Vol/Iss: 47 Pages: 5155-5161 Date: 10/01/87				
	183	Author: SIRACUSA et al. Title: The Effect of Microtubule- and Microfilament-disrupting Drugs on Preimplantation Mouse Embryos (abstract Only) Publ: Journal of Embryology and Experimental Morphology Vol/Iss: 60 Pages: 71-82 Date: 12/1980				
	184	Author: SPICER et al. Title: Catecholestrogens Inhibit Proliferation and DNA Synthesis of Porcine Granulosa Cells in Vitro: Comparison with Estradiol, 5 $\alpha$ dihydrotestosterone, Gonadotropins and Catecholamines (Chemical Abstracts Doc. No: 111:50609, 1989) Publ: Molecular and Cellular Endocrinology Vol/Iss: 64 Pages: 119-126 Date: 1989				

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	185	Author: SPYRIOUNIS et al. Title: Copper (II) complex of an estradiol derivative with potent antiinflammatory properties (Abstract only) Publ: Arch. Pharm. Vol/Iss: 324 (9) Pages: 533-536 Date: 1991				
	186	Author: SRIVASTAVA, A. et al. Title: The Prognostic Significance of Tumor Vascularity in Intermediate-Thickness (0.76-4.0 mm Thick) Skin Melanoma Publ: American Journal of Pathology Vol/Iss: 133 (2) Pages: 419-424 Date: 11/1988				
	187	Author: STARKOV et al. Title: Mono- and Dialkylolation of Guaiacol by Olefins on KU-2 Cation Exchanger (Abstract only) Publ: Zhurnal Prikladnoi Khimii Vol/Iss: 41 (3) Pages: 688-690 Date: 1968				
	188	Author: STERNLICHT et al. Title: Colchicine Inhibition of Microtubule Assembly via Copolymer Formation Publ: The Journal of Biological Chemistry Vol/Iss: 254 (20) Pages: 10540-10550 Date: 10/25/79				
	189	Author: SUN et al. Title: Antitumor Agents. 139. Synthesis and Biological Evaluation of Thiocolchicine Analogs 5,6-Dihydro -6(S)-(acyloxy)-and 5,6-Dihydro-6(S)-{(aroyloxy) methyl}-1,2,3- trimethoxy-9-(methylthio)-8H-cyclohepta[naphthalen-8-ones as Novel Cytotoxic and Antimitotic Agents Publ: Journal of Medicinal Chemistry Vol/Iss: 36 (5) Pages: 544-551 Date: 03/05/93				
	190	Author: SUNAGAWA et al. Title: Synthesis of Colchicine; Synthesis of $\Delta$ Demethoxydeoxy-hexahydrocolchicine Publ: Chemical & Pharmaceutical Bulletin Vol/Iss: 9 Pages: 81-83 Date: 1961				
	191	Author: TAYLOR, S. et al. Title: Protamine is an Inhibitor of Angiogenesis Publ: Nature Vol/Iss: 297 Pages: 307-312 Date: 05/27/82				

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	192	Author: TERANISHI, M. et al. Title: Methylation of Catechol Estrogen with Diazomethane Publ: Chemical and Pharmaceutical Bulletin Vol/Iss: 31 (9) Pages: 3309-3314 Date: 09/1983			
	193	Author: TSUTSUI et al. Title: Comparison of Human Versus Syrian Hamster Cells in Culture for Induction of Mitotic Inhibition, Binucleation and Multinucleation, Following Treatment with Four Aneuploidogens Publ: Toxicology in Vitro Vol/Iss: 4 (1) Pages: 75-84 Date: 1990			
	194	Author: UTNE et al. Title: The Synthesis of 2- and 4-Fluoroestradiol Publ: Journal of Organic Chemistry Vol/Iss: 33 (6) Pages: 2469-2473 Date: 06/1968			
	195	Author: VAN GEERESTEIN et al. Title: Structure of 11.beta.-(4-(dimethylamino)phenyl)-17.beta.-hydroxy-17. alpha.-(2-propenyl) estra-4,9-dien-3-one (Identifier only) Publ: Acta Crystallogr., Sect. C: Cryst. Struct. Commun. Vol/Iss: C43 (2) Pages: 319-322 Date: 1987			
	196	Author: VAN TAMELEN et al. Title: The Synthesis of Colchicine Publ: Tetrahedron Vol/Iss: 14 (1/2) Pages: 8-34 Date: 09/1961			
	197	Author: VICENTE et al. Title: In Vitro Activity of Thalidomide Against Mycobacterium avium Complex Publ: Archives of Internal Medicine Vol/Iss: 153 (4) Pages: 534 Date: 02/22/93			
	198	Author: WANG et al. Title: Photoaffinity Labeling of Human Placental Estradiol 17.beta.-dehydrogenase with 2- And 4-azidoestrone, 2- and 4-azidoestradiol (abstract Only) Publ: Shengwu Huaxue Zazhi Vol/Iss: 8 (6) Pages: 715-718 Date: 1992			

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				Group Art Unit	Unassigned
Examiner Name	Unassigned				
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	199	<b>Author:</b> WEIDNER, N. et al. <b>Title:</b> Tumor angiogenesis: A New Significant and Independent Prognostic Indicator in Early-Stage Breast Carcinoma <b>Publ:</b> <u>Journal of the National Cancer Institute</u>  <b>Vol/Iss:</b> 84 <b>Pages:</b> 1875-1887 <b>Date:</b> 12/16/92	
	200	<b>Author:</b> WEIDNER, N. et al. <b>Title:</b> Tumor Angiogenesis Correlates with Metastasis in Invasive Prostate Carcinoma <b>Publ:</b> <u>American Journal of Pathology</u>  <b>Vol/Iss:</b> 143 (2) <b>Pages:</b> 401-409 <b>Date:</b> 08/1993	
	201	<b>Author:</b> WEIDNER, N. et al. <b>Title:</b> Tumor Angiogenesis and Metastasis-Correlation in Invasive Breast Carcinoma <b>Publ:</b> <u>New England Journal of Medicine</u>  <b>Vol/Iss:</b> 324 (1) <b>Pages:</b> 1-8 <b>Date:</b> 01/03/91	
	202	<b>Author:</b> WELSCH et al. <b>Title:</b> Staphylostatic Activity of Some New Diphenols, Naphthols, and Chalcones (Abstract only) <b>Publ:</b> <u>Experientia</u>  <b>Vol/Iss:</b> 11 <b>Pages:</b> 350-351 <b>Date:</b> 1955	
	203	<b>Author:</b> WHEELER et al. <b>Title:</b> Mitotic Inhibition and Aneuploidy Induction by Naturally Occurring and Synthetic Estrogens in Chinese Hamster Cells in Vitro <b>Publ:</b> <u>Mutation Research</u>  <b>Vol/Iss:</b> 171 <b>Pages:</b> 31-41 <b>Date:</b> 07/1986	
	204	<b>Author:</b> WHEELER et al. <b>Title:</b> Mitotic Inhibition and Chromosome Displacement Induced by Estradiol in Chinese Hamster Cells (Chemical Abstracts Doc. No: 105:54822, 1986) <b>Publ:</b> <u>Cell Motility and the Cytoskeleton</u>  <b>Vol/Iss:</b> 7 (3) <b>Pages:</b> 235-247 <b>Date:</b> 1987	
	205	<b>Author:</b> WHITE et al. <b>Title:</b> Treatment of Pulmonary Hemangiomas with Recombinant Interferon Alfa-2a <b>Publ:</b> <u>The New England Journal of Medicine</u>  <b>Vol/Iss:</b> 32 (18) <b>Pages:</b> 1197-1200 <b>Date:</b> 05/04/89	

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	206	<b>Author:</b> YASUDA et al. <b>Title:</b> Accelerated differentiation in seminiferous tubules of fetal mice prenatally exposed to ethinyl estradiol (Abstract only)  <b>Publ:</b> <u>Anat. Embryol. (Berl.)</u>  <b>Vol/Iss:</b> 174 (3) <b>Pages:</b> 289-299 <b>Date:</b> 1986			

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